

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Masayuki KAMON et al. Group Art Unit: 3661

Application No.: 10/691,668 Examiner: M. Marc

Filed: October 24, 2003 Docket No.: 117611

For: POSITIONING DATA CALCULATING PROCEDURE, POSITIONING DATA CALCULATING APPARATUS AND ARTICULATED MANIPULATOR

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits after the filing of a Request for Continued Examination under 37 CFR §1.114. No certification or fee is required.
- 2. English-language Abstracts of the non-English language references are attached hereto.
- 3. A computer-generated English translation of the following Japanese reference(s) has been obtained from the website of the Japanese Patent Office ([http://www.jpo.go.jp]), and is attached, but has not been reviewed for accuracy. See Reference 3.

Respectfully submitted,

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Date: August 11, 2004

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400 DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461 Sheet 1 of 1

Form PTO-1449 (REV. 8-83)	US Dept. of Commerce TRADE ENT & TRADEMARK OFFICE			ATTY DOCKET NO. 117611			APPLICATION NO. 10/691,668		
INFOR	MATI	ON DISCLOSURE STATEMENT					i		
	(Use	several sheets if necessary)	APPLICANTS Masayuki KAMON et al.						
				FILING I		GROUP 3661			
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME		CLASS	SUB CLASS	
	1	US 2003/0010148A1	01/16/2003		Okamoto et al.				
	2 .	US 2004/0129103 A1	07/08/2004		Kamon et al.				
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		DOCUMENT NUMBER	DATE		COUNTRY			CLASS	CLASS
	3	JP 2003-025269 (w/English- language Abstract and translation)	01/29/2003		Japan				
		OTHER DOCUMENTS (Inc	-ludin	· · · · · · · · · · · · · · · · · · ·	Pid - Data Bestiment Bag	4- \	,		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) 4 ROBOTICS (revised edition), Vector Analysis of Mechanical System, (pages 152-155), Shigeo Hirose. (w/English-									lich_
	language translation)								11211-
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Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant									

Date: August 11, 2004